Panasonic

DMC-F5
Digital Camera

Stylish Design and Rechargeable Lithium-ion Battery

5x Optical Zoom from 28mm Wide-angle in a Compact Body

14.1-megapixel CCD Sensor

HD Video Recording with Dedicated Video Button

Auto Scene Selector

Panorama Shot for More Dynamic Images

Compact Digital Camera F5 Featuring Easy Operation

Metrics

Dimensions (W x H x D)	97.4 x 58.0 x 21.5 mm (3.83 x 2.28 x 0.85 inch)
Weight	Approx. 106g without Battery and SD Memory Card (0.23lb) Approx. 121g with Battery and SD Memory Card (0.27lb)

Pixels

Camera Effective Pixels	14.1 Megapixels

Sensor

Sensor Size / Total Pixels / Filter	1/2.33-type CCD Sensor / 14.5 Total Megapixels / Primary Color Filter

Lens

Aperture	F3.2 - 6.5 / 2-Step (F3.2 / 9.1 (W), F6.5 / 18.4 (T))
Optical Zoom	5x
Focal Length	f=5 - 25 mm (28 - 140 mm in 35 mm equiv.) (34 - 170mm in 35mm equiv. in video recording)
Extra Optical Zoom (EZ)	5.9x (4:3 / 10M), 8.4x (4:3 / 5M), 10.5x (under 3M)
Intelligent Zoom	-
Lens	6 elements in 5 groups (3 Aspherical Lenses)
2- Speed Zoom	-
	-

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Optical Image Stabilizer/Five Axis Correction	
Digital Zoom	Max. 4x

Focus

Focusing Area	Normal / Auto Scene: Wide 10 cm - infinity / Tele 100 cm - infinity
AF Assist Lamp	-
Focus	Normal
AF Metering	Face / 9-Area / 1-Area

Shutter

Shutter Speed	8 - 1/2000 sec

Finder

Viewfinder	-

File

File Format	Still Image: JPEG (DCF / Exif2.3) Motion picture: QuickTime Motion JPEG

Recording Modes

Mode Dial / Mode Button	Auto SCN, Normal Picture, SCN, Panorama Shot
Creative Control mode	-
Still Image Scene Mode	Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Baby(Birthday only), Sunset, High sensitivity
Continuous Shooting Mode	Full-Resolution Image, approx. 0.5 frames/sec Flash burst shooting

Motion Picture Recording (*2)

HD Video	1280 x 720 pixels, 30fps (HD / Motion JPEG)
STD Video	640 x 480 pixels, 30 fps (VGA / Motion JPEG) 320 x 240 pixels, 30 fps (QVGA / Motion JPEG)
High Speed Video	-

Continuous recordable time (motion pictures)

AVCHD	-
MP4	-

Actual recordable time (motion pictures)

AVCHD	-
MP4	-

Exposure Parameters

Exposure	Program AE
Exposure Compensation	1/3 EV step, +/- 2 EV

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Auto (AE) Bracketing	-
Light Metering	Intelligent Multiple
ISO Sensitivity	I.ISO / 100 / 200 / 400 / 800 / 1600
	High Sensitivity mode (ISO 1600-6400)

Picture Quality

Still Picture Recording	[1:1] 3232x3232 (10.5M)
	[4:3] 4320 x 3240 (14M) / 3648 x 2736 (10M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 640 x 480 (0.3M EZ)
	[3:2] 4320 x 2880 (12.5M)
	[16:9] 4320 x 2432 (10.5M)
Image Quality	-
White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set
Photo Style / Film Mode	-
Color Mode / Color Effect / My color	Color Mode : Standard, Black&White, Sepia
Aspect Bracketing	-

Other

Digital Red Eye Correction (Red-Eye Removal)	Yes
GPS	-
Wi-Fi	-
NFC	-
Zoom in Motion Picture	Yes(Digital Zoom)
Self Timer	2 sec / 10 sec

Display

Playback Mode	Normal Play, Slideshow,Category Selection, Calendar
Thumbnails / Zoomed Playback	12,30- thumbnails / Yes
Calendar Display / Dual- Image Playback	Yes / No
Set Favorites / Rotate Image	No / No
Show Histogram	-
Show Highlights	-
DPOF Print Setting / Set Protection	No / Yes

Edit

Retouch	-
Resize / Cropping / Aspect Conv. / Leveling	Yes / No / No / No
Copy / Title Edit / Text Stamp	Yes / No / No
Cut Animation	-
Video Divide	-
PictBridge Support	Single / Multi / All

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Setup

OSD language	Japanese, English, German, French, Italian, Spanish

Monitor

LCD Monitor	6.7cm (2.7") TFT Screen LCD Display (230K dots) Field of View : approx. 100%

Flash

Built- in- Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 5.7m (Wide/i.ISO), 1.0 - 2.8m (Tele/i.ISO)

Media

Recording Media	Built- in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built- in- Memory	Approx. 10MB

Audio

Microphone / Speaker	Mono / Mono

Interface

Interface	USB2.0 High speed

Power

Power	Li-ion Battery Pack (3.6V / 690mAh / 2.5Wh) AC Adaptor (Input: 110-240V AC)(Included, connect with USB cable)
Battery life (approx.)	250 pictures (CIPA Standard)*1

Standard Package

Included Software	PHOTOfunSTUDIO 9.0 LE, Adobe Reader
Standard Accessories	Battery Pack, AC adaptor, USB Cable, Hand Strap, CD-ROM
NOTE	*1 Recording conditions by CIPA standard - CIPA is an abbreviation of [Camera & Imaging Products Association]. - Temperature: 23 oC (73.4 oF)/Humidity: 50%RH when LCD monitor is on. - Using a Panasonic SD Memory Card (32 MB). - Using the supplied battery. - Starting recording 30 seconds after the camera is turned on. (When the optical image stabilizer function is set to [ON].) - Recording once every 30 seconds with full flash every second recording. - Rotating the zoom lever from Tele to Wide or vice versa in every recording. - Turning the camera off every 10 recordings and leaving it until the temperature of the battery decreases. *2 - These are standard times taken at a temperature of 23 oC (73.4 oF) and a humidity of 50%RH.

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- The time available for recording varies depending on the environment, the interval between recordings, and the manner of use.

- Actual recordable time is the time available for recording when repeating actions such as switching the power supply [ON] / [OFF], starting/stopping recording, zoom operation etc.

-Maximum time to record motion pictures continuously with [AVCHD] is 29 minutes 59 seconds.

-Maximum time to record motion pictures continuously with [MP4] is 29 minutes 59 seconds or up to 4 GB.